



KENTUCKY WEEKLY CROP & WEATHER REPORT



Kentucky Agricultural Statistics Service
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Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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TNS 7-00

AGRICULTURAL NEWS: Last week heat and humidity returned to Kentucky. The temperature averaged 69 degrees for the week, 6 degrees above normal, and 14 degrees warmer than the previous week. Precipitation averaged 0.62 inches for the week which was 0.44 inches below normal. **Topsoil moisture**, as of Friday, May 5 was rated 1 percent very short, 11 percent short, 73 percent adequate, and 15 percent surplus. **Subsoil moisture**, was rated 3 percent very short, 19 percent short, 71 percent adequate, and 7 percent surplus. **Days suitable for fieldwork** averaged 4.1 out of a possible 6 days. Farmers were busy spraying herbicides on no-till acres, setting tobacco, and repairing pasture fencing.

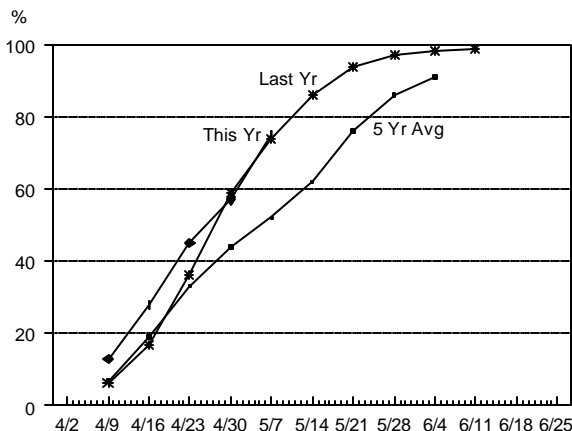
TOBACCO: Thirty nine percent of the tobacco transplants were less than 2 inches tall, 39 percent were from 2 to 4 inches, and 22 percent were larger than 4 inches. Approximately 5 percent of burley tobacco had been set in the field, compared with 4 percent last year. About 2 percent of dark tobacco has been set. There appears to be an adequate supply of tobacco plants Statewide, with only the eastern part of the State reporting minimal shortages.

CORN: Planted corn had been slow to emerge as temperatures for late April and early May have been cool with few periods of long sustained sunshine. The return of warm weather last week pushed the percent of corn emerged to 51 percent, ahead of last year's 48 percent and the 41 percent five year average. The percent of planting was 75 percent complete as of Sunday, May 7 compared to 74 percent last year and 52 percent for the five year average. The emerged corn condition was 3% poor, 27% fair, 60% good, and 10% excellent.

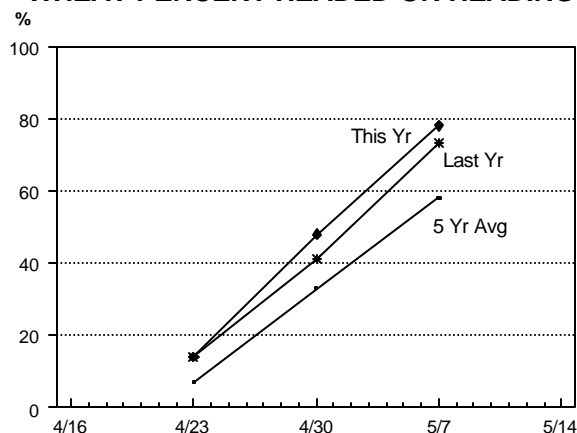
WINTER WHEAT: Wheat headed or heading was 78 percent, ahead of the 73 percent in 1999 and 58 percent for the five year average. As of Friday, May 5 wheat condition was rated 1 percent very poor, 4 percent poor, 29 percent fair, 51 percent good, and 15 percent excellent. Increased sunshine was favorable for limiting disease pressures.

OTHER CROPS: **Pasture** condition was rated as 1 percent very poor, 7 percent poor, 30 percent fair, 49 percent good, and 13 percent excellent. The **hay** condition was rated 9 percent poor, 30 percent fair, 47 percent good and 14 percent excellent.

CORN PLANTING PROGRESS



WHEAT PERCENT HEADED OR HEADING



KENTUCKY CROP PROGRESS
WEEK ENDING MAY 7, 2000
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Corn					
Planted	75	74	52	57	49
Emerged	51	48	41	24	9
Soybeans					
Planted	12	8	3	6	8
Wheat					
Headed or Heading	78	73	58	48	33
Burley Tobacco Set	5	4	3	2	NA
Dark Tobacco Set	2	2	2	1	NA

(NA) Data Not Available.

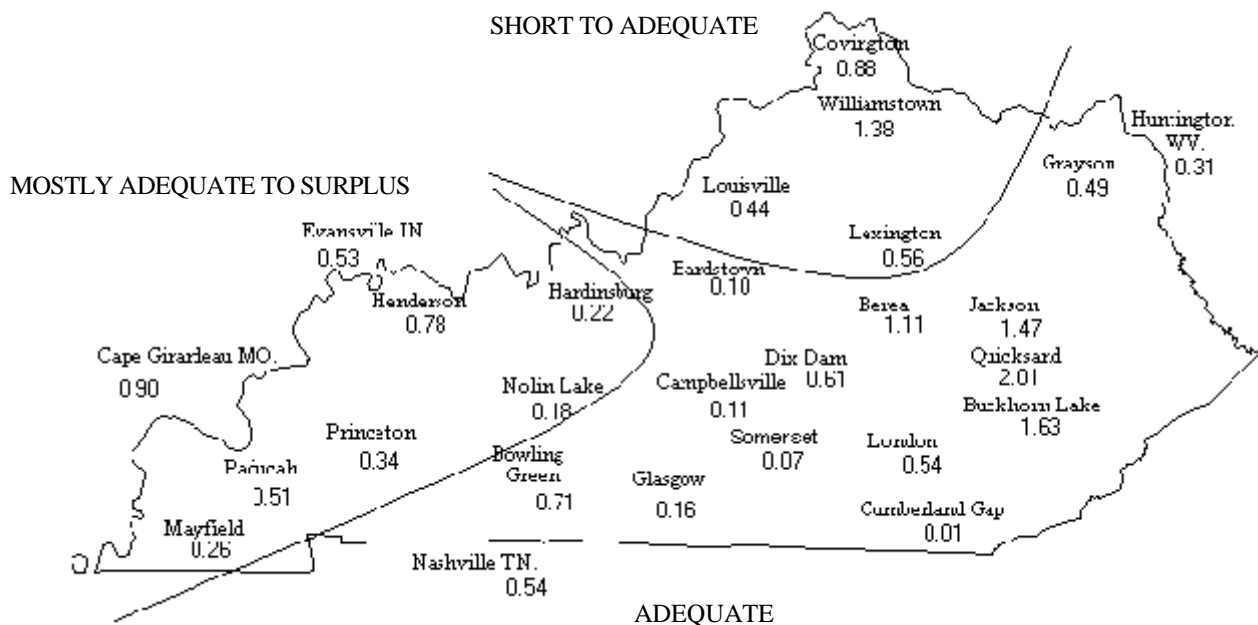
SOIL MOISTURE
WEEK ENDING MAY 5, 2000
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	1	0
Short	11	7
Adequate	73	74
Surplus	15	19
SUBSOIL		
Very Short	3	2
Short	19	18
Adequate	71	73
Surplus	7	7

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING MAY 5, 2000					WEEK ENDING APRIL 28, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn Emerged	0	3	27	60	10	1	6	30	56	7
Wheat	1	4	29	51	15	0	4	24	52	20
Pasture	1	7	30	49	13	1	5	29	49	16
Hay Crops	0	9	30	47	14	1	6	33	48	12

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 7, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 5, 2000



KENTUCKY WEATHER SUMMARY, MAY 1 - 7, 2000:

ABOVE NORMAL Temperature and BELOW NORMAL Rainfall:

Summer-like heat and humidity was on last week as daily high temperatures started the workweek in the mid 70's but by mid-week were in the low-to-mid 80's. Variable rainfall amounts from scattered showers and thunderstorms threatened on nearly a daily basis especially in Western and Southern sections of State where some locations received heavy rainfall but the remainder of the State's rainfalls totals were low.

Temperatures for this past week averaged 69 degrees across the State which was 6 degrees ABOVE NORMAL and 14 degrees warmer than the previous week. High temperatures averaged from 79 in the West to 81 in the East. Departure from normal high temperatures ranged from 2 degrees ABOVE NORMAL in the West to 9 degrees ABOVE NORMAL in the East. Low temperatures averaged from 60 degrees in the West to 55 degrees in the East. Departure from normal low temperature ranged from 7 degrees ABOVE NORMAL in the West to 4 degrees ABOVE NORMAL in the East. All sections of the State have received more than 526 Alfalfa Weevil degree days. The April 29th Crop Moisture Index continued to indicated adequate soil moisture for agricultural purposes with the Palmer Drought Severity Index holding Central KY in Moderate hydrologic drought category and the remainder of the State in Mild hydrologic drought.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, MAY 7, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	0.10	5.00	2.15	+0.11	-1.58	83	49	68.1	+5	126	392	-13
Berea	1.11	5.01	2.81	-0.34	-1.26	84	46	68.1	+6	128	408	-4
Bowling Green	0.71	5.42	3.64	-0.02	-0.50	84	44	69.0	+6	133	388	-24
Bristol	0.00	3.54	1.86	-0.64	-1.33	85	39	66.4	+4	120	333	-35
Buckhorn Lake	1.63	6.31	4.04	+1.63	+0.49	85	37	68.1	+6	131	396	+28
Cape Girardeau	0.90	2.39	2.39	-3.21	-1.88	80	55	69.9	+5	137	395	-24
Campbellsville	0.11	5.20	2.59	-0.71	-1.90	86	45	68.6	+5	131	425	+13
Covington	0.88	5.32	2.38	+0.60	-1.21	83	48	66.4	+4	115	319	-19
Cumberland Gap	0.01	5.50	2.75	+0.33	-1.19	88	39	68.6	+7	139	428	+60
Dix Dam	0.61	5.02	2.45	-0.27	-1.57	84	48	67.7	+6	123	384	-21
Evansville	0.53	2.88	1.39	-2.21	-2.50	82	48	68.9	+4	132	366	-16
Glasgow	0.16	5.48	3.31	-0.21	-1.02	87	46	70.7	+8	145	462	+110
Grayson	0.49	4.64	2.48	+0.05	-1.02	86	44	67.9	+6	129	363	+32
Hardinsburg	0.22	4.01	1.93	-1.40	-2.19	84	52	69.1	+6	132	423	+11
Henderson	0.78	3.11	2.12	-2.18	-1.89	82	49	68.8	+3	129	428	+16
Huntington	0.31	4.34	2.30	-0.22	-1.18	86	42	67.9	+6	130	357	-11
Jackson	1.47	7.29	5.18	+2.18	+1.30	85	46	68.9	+7	133	364	-4
Lexington	0.56	5.63	2.86	+0.74	-0.87	84	49	68.2	+6	127	339	+1
London	0.54	5.55	3.33	+0.67	-0.38	84	42	67.6	+6	125	342	-26
Louisville	0.44	4.08	1.19	-1.19	-2.81	86	51	69.6	+6	136	378	-4
Mayfield	0.26	4.62	3.45	-1.56	-1.22	84	51	68.6	+3	129	403	-46
Nashville	0.54	6.68	4.84	+1.21	+0.68	84	46	69.9	+7	140	407	-42
Nolin Lake	0.18	4.99	2.87	-0.78	-1.54	84	46	68.4	+5	129	416	+11
Paducah	0.51	4.67	3.69	-1.46	-0.93	82	53	70.4	+5	141	401	-18
Princeton	0.34	6.04	4.31	+0.12	-0.17	85	55	71.1	+6	146	488	+46
Quicksand	2.01	6.78	4.63	+1.67	+0.75	85	36	68.1	+6	135	401	+33
Somerset	0.07	5.61	2.63	+0.12	-1.56	86	43	68.4	+6	130	399	-6
Spindletop	0.30	4.40	1.89	-0.49	-1.84	84	50	68.0	+6	124	333	-5
Williamstown	1.38	5.91	3.18	+0.76	-0.72	83	51	67.9	+6	124	393	+55

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

**CURRENT EUROPEAN CORN BORER DEGREE DAY TOTALS
& PREDICTED DATES FOR CERTAIN SPECIFIC VALUES**

Location	Current DD Total	Overwintering		First			Second 1860
		550	610	750	1660	1740	
Bardstown	641	AO	AO	5/13	6/25	6/28	7/3
Berea	679	AO	AO	5/11	6/25	6/29	7/4
Bowling Green	648	AO	AO	5/12	6/25	6/28	7/3
Bristol	527	AO	5/12	5/21	7/2	7/5	7/10
Buckhorn Lake	663	AO	AO	5/12	6/26	6/29	7/4
Cape Girardeau	610	AO	AO	5/14	6/23	6/26	7/1
Campbellsville	705	AO	AO	5/9	6/22	6/26	7/1
Covington	460	5/12	5/16	5/24	7/4	7/8	7/12
Cumberland Gap	708	AO	AO	5/9	6/24	6/28	7/2
Dix Dam	604	AO	AO	5/16	6/29	7/2	7/7
Evansville	534	AO	5/10	5/18	6/26	6/29	7/4
Glasgow	782	AO	AO	AO	6/19	6/23	6/28
Grayson	594	AO	AO	5/16	6/29	7/2	7/7
Hardinsburg	695	AO	AO	5/9	6/23	6/26	7/1
Henderson	691	AO	AO	5/9	6/20	6/23	6/28
Huntington	589	AO	AO	5/17	6/29	7/2	7/7
Jackson	644	AO	AO	5/13	6/27	6/30	7/5
Lexington	525	AO	5/12	5/21	7/2	7/5	7/10
London	577	AO	5/8	5/17	6/30	7/3	7/8
Louisville	608	AO	AO	5/15	6/26	6/30	7/5
Mayfield	676	AO	AO	5/10	6/20	6/24	6/28
Nashville	745	AO	AO	AO	6/21	6/24	6/29
Nolin Lake	687	AO	AO	5/10	6/23	6/26	7/1
Paducah	673	AO	AO	5/10	6/21	6/24	6/29
Princeton	836	AO	AO	AO	6/14	6/17	6/22
Quicksand	684	AO	AO	5/10	6/25	6/29	7/3
Somerset	678	AO	AO	5/11	6/25	6/29	7/4
Spindletop	511	5/8	5/13	5/21	7/2	7/6	7/10
Williamstown	605	AO	AO	5/16	6/28	7/6	7/7

AO indicates event has already occurred. REAL data are used through 5-2-00 Beyond 5-7-00, NORMAL data are used (adjusted by forecast values). The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext. 245.

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